FEB. 21 2006 12:56PM————TOWNSEND & TOWNSEND————————————⌐ NO. 1274   P. 6
Application No.: 10/002,290
Applicant: Mark R. Thompson, et al.
Title: DETERMINING REDUNDANCIES IN CONTENT OBJECT
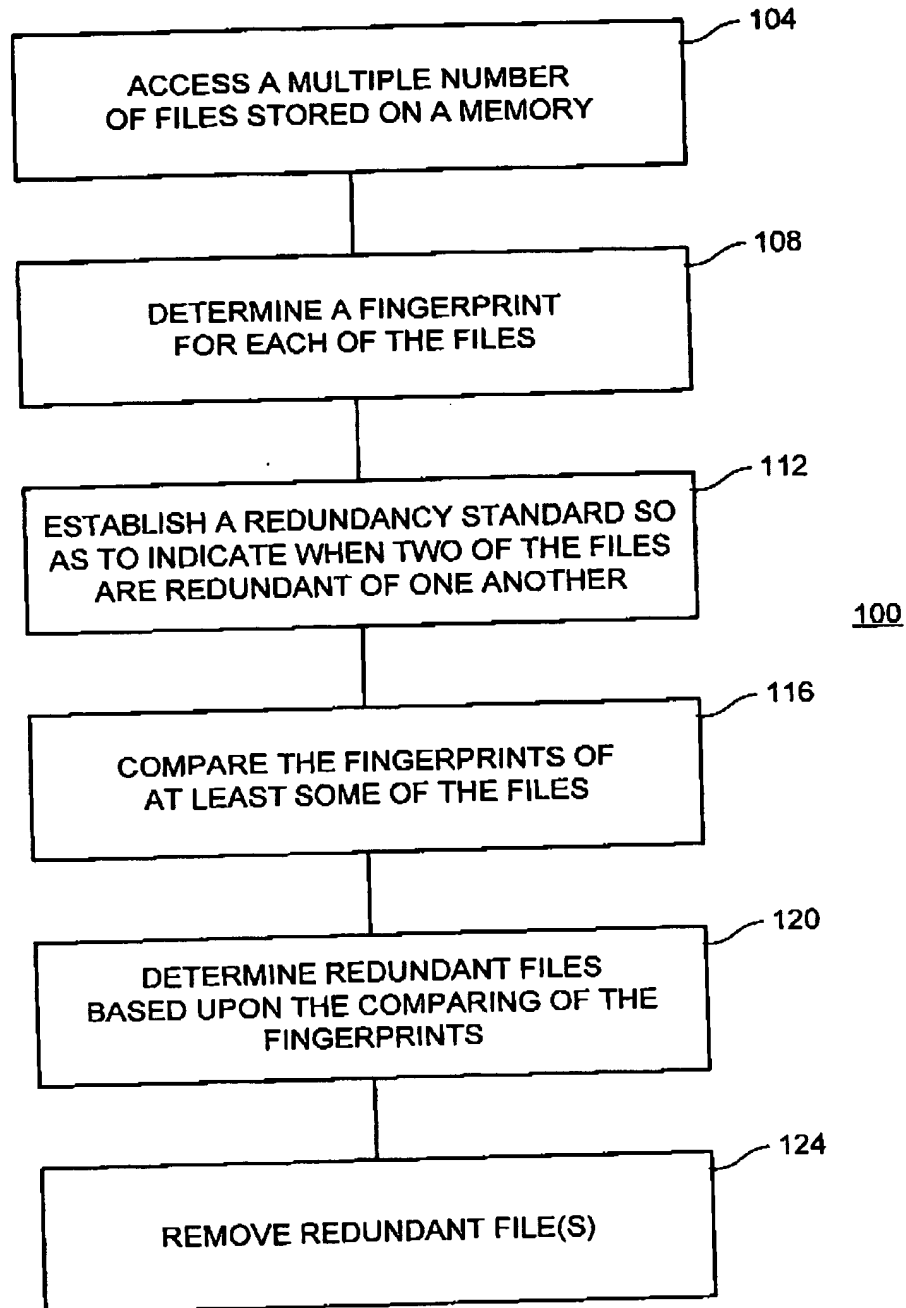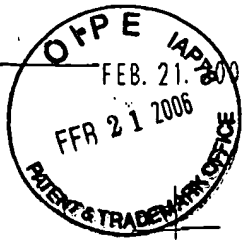DIRECTORIES
Sheet 1 of 5

FIG. 1

FEB. 21. 2006 12:56PM   TOWNSEND & TOWNSEND   NO. 1274   P. 7

Application No.: 10/002,290
Applicant: Mark R. Thompson, et al.
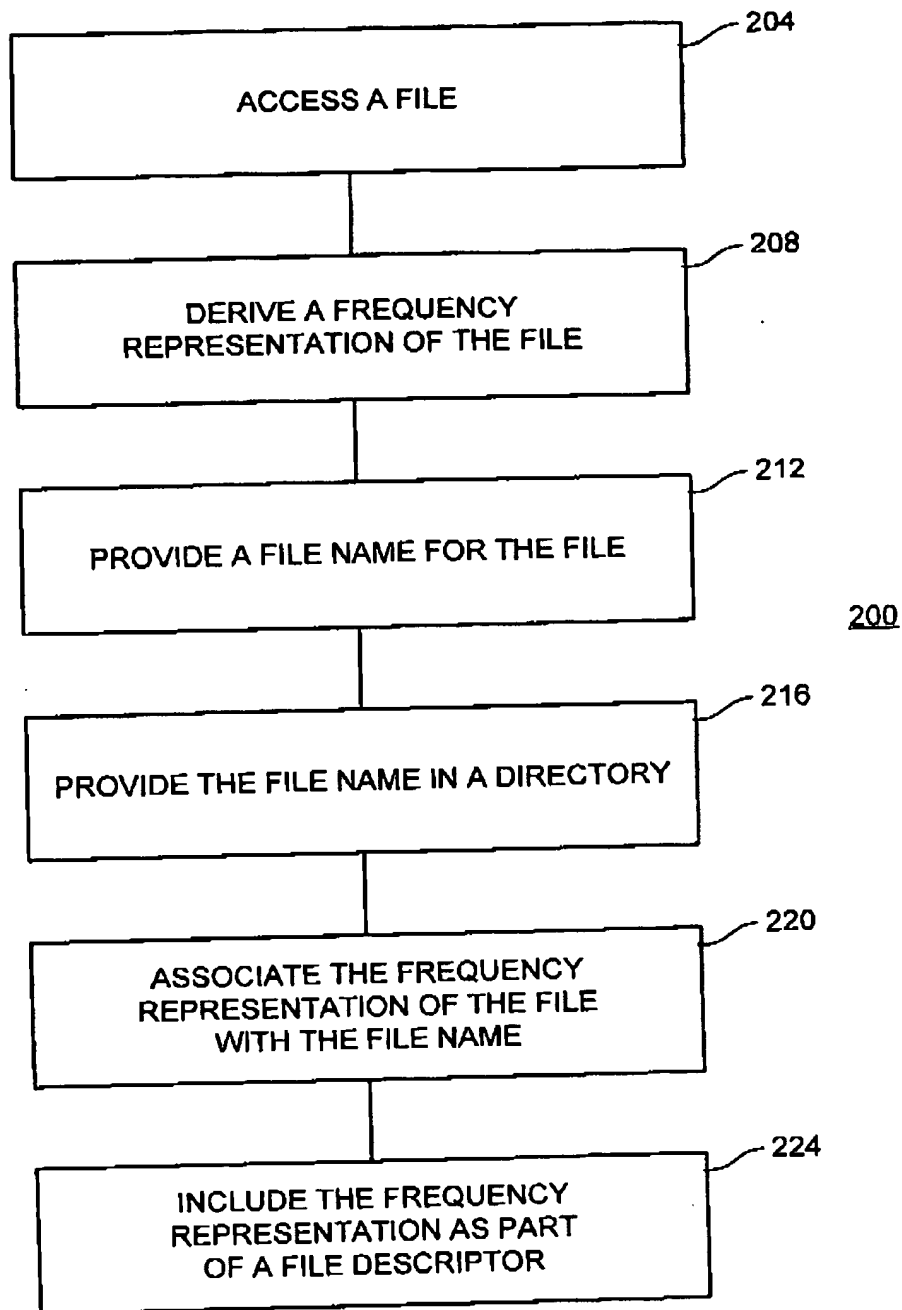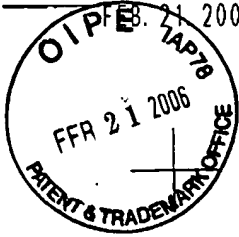Title: DETERMINING REDUNDANCIES IN CONTENT OBJECT
DIRECTORIES
Sheet 2 of 5

```
                                                            ┌─ 204
    ┌──────────────────────────────────────┐
    │            ACCESS A FILE              │
    └──────────────────────────────────────┘

                                                            ┌─ 208
    ┌──────────────────────────────────────┐
    │         DERIVE A FREQUENCY            │
    │      REPRESENTATION OF THE FILE       │
    └──────────────────────────────────────┘

                                                            ┌─ 212
    ┌──────────────────────────────────────┐
    │     PROVIDE A FILE NAME FOR THE FILE  │                    200
    └──────────────────────────────────────┘

                                                            ┌─ 216
    ┌──────────────────────────────────────┐
    │  PROVIDE THE FILE NAME IN A DIRECTORY │
    └──────────────────────────────────────┘

                                                            ┌─ 220
    ┌──────────────────────────────────────┐
    │      ASSOCIATE THE FREQUENCY          │
    │     REPRESENTATION OF THE FILE        │
    │         WITH THE FILE NAME            │
    └──────────────────────────────────────┘

                                                            ┌─ 224
    ┌──────────────────────────────────────┐
    │      INCLUDE THE FREQUENCY            │
    │     REPRESENTATION AS PART            │
    │       OF A FILE DESCRIPTOR            │
    └──────────────────────────────────────┘
```

FIG. 2

FEB. 21 2006 12:56PM TOWNSEND & TOWNSEND NO. 1274 P. 8
Application No.: 10/002,290
Applicant: Mark R. Thompson, et al.
Title: DETERMINING REDUNDANCIES IN CONTENT OBJECT
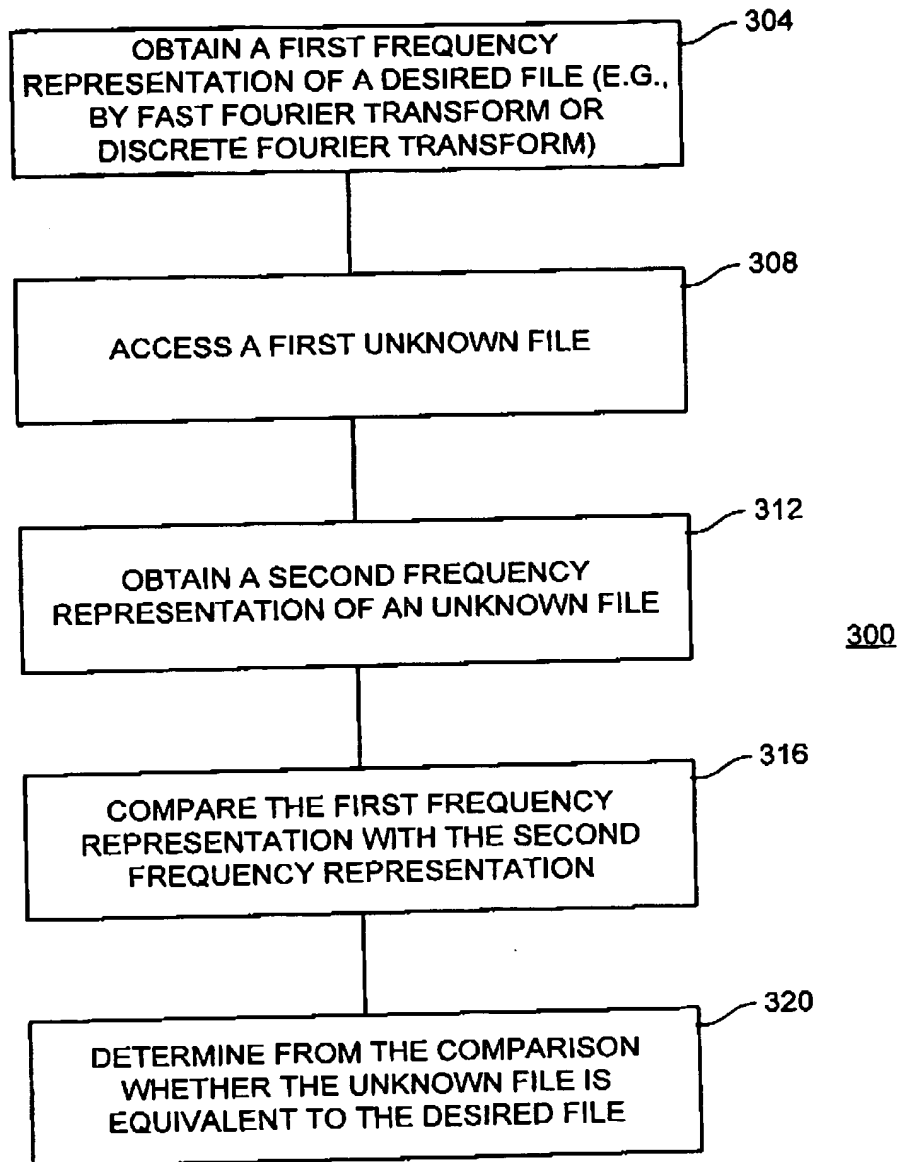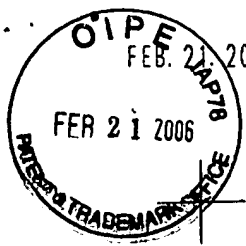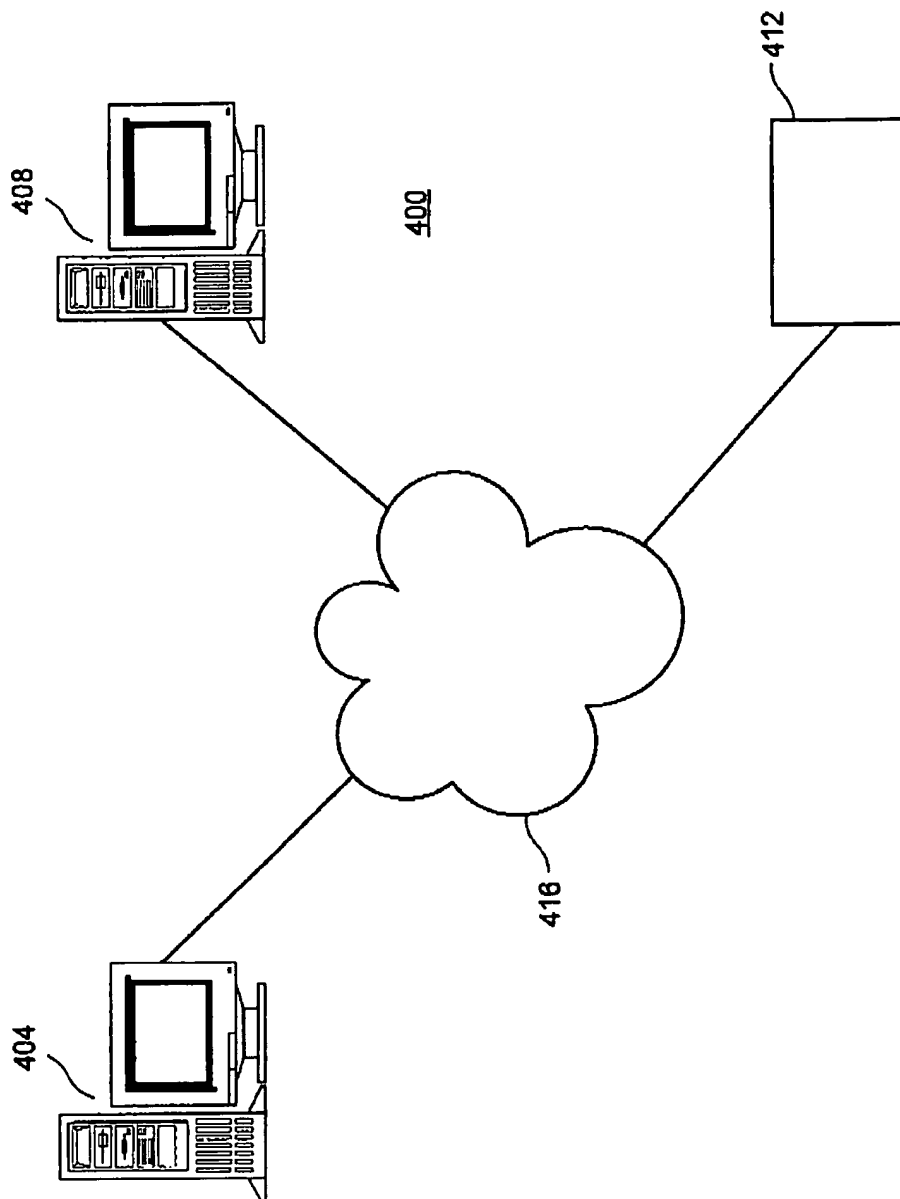DIRECTORIES
Sheet 3 of 5

OBTAIN A FIRST FREQUENCY
REPRESENTATION OF A DESIRED FILE (E.G.,
BY FAST FOURIER TRANSFORM OR
DISCRETE FOURIER TRANSFORM) — 304

ACCESS A FIRST UNKNOWN FILE — 308

OBTAIN A SECOND FREQUENCY
REPRESENTATION OF AN UNKNOWN FILE — 312

300

COMPARE THE FIRST FREQUENCY
REPRESENTATION WITH THE SECOND
FREQUENCY REPRESENTATION — 316

DETERMINE FROM THE COMPARISON
WHETHER THE UNKNOWN FILE IS
EQUIVALENT TO THE DESIRED FILE — 320

FIG. 3

Application No.: 10/002,290
Applicant: Mark R. Thompson, et al.
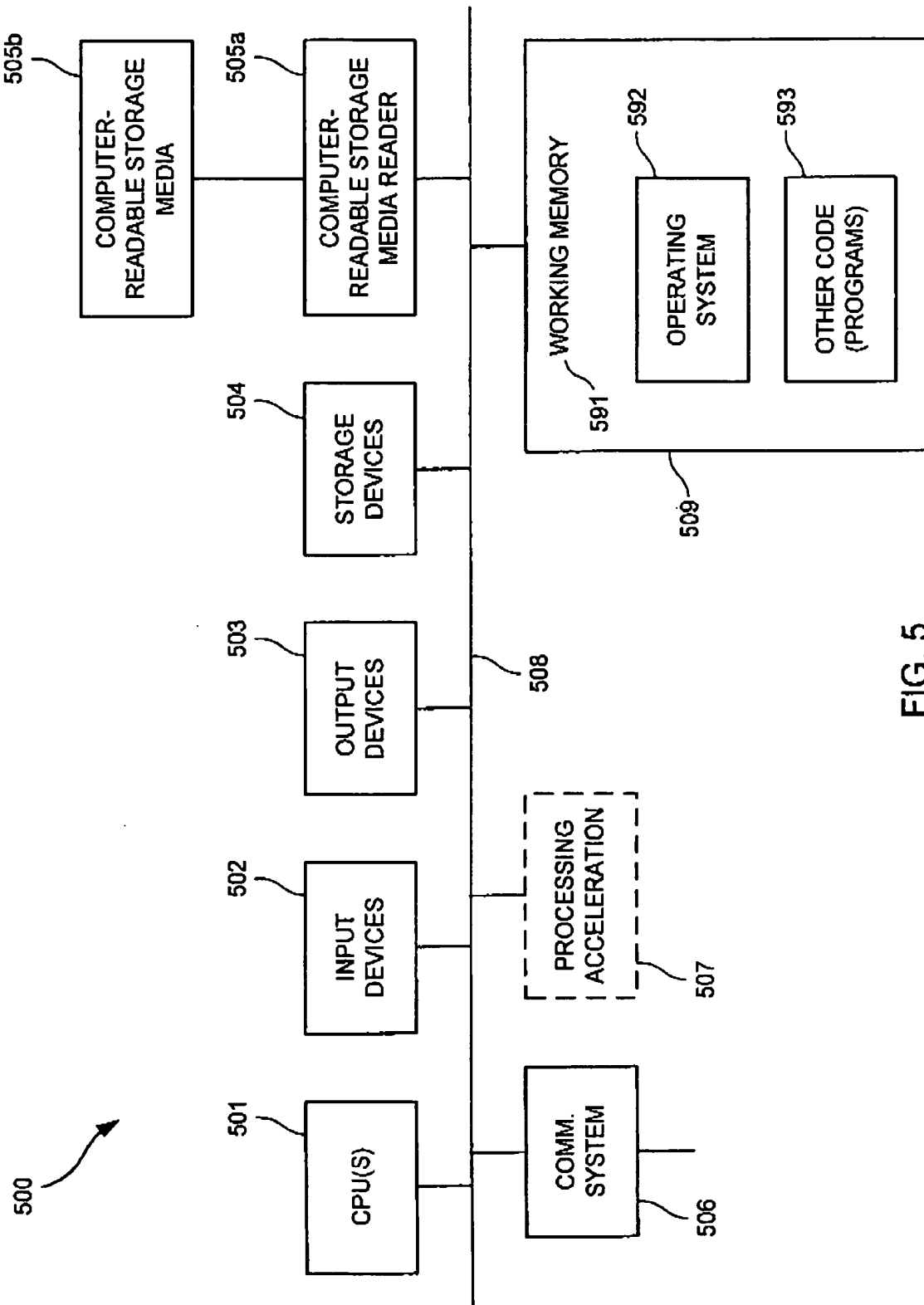Title: DETERMINING REDUNDANCIES IN CONTENT OBJECT DIRECTORIES
Sheet 4 of 5

FIG. 4

FIG. 5